



ESTD : 1880

# ST ALOYSIUS

(DEEMED TO BE UNIVERSITY)

MANGALURU 575003 - INDIA

Institute of Management and IT - **AIMIT**

RANKED 80TH BEST COLLEGE ALL INDIA 2023  
RE-ACCREDITED BY NAAC WITH A++ GRADE WITH 3.67 CGPA  
AN AICTE RECOGNISED INSTITUTE

## School of Information Science & Technology

**ORGANIZES**



## **International Conference on Artificial Intelligence in Health care (ICAIH-2025)**

**In Association with**



Springer CCIS Series ( ISSN No. - 1865-0929 )

**Conference Date : 20-03-2025 & 21-03-2025**



## ABOUT THE UNIVERSITY



St. Aloysius Institutions, Mangalore, established in 1880 prides itself in its history of 144 years. Thousands of students who have passed through the portals of this institution have rendered outstanding service to humankind not only in India but across the globe. St Aloysius (Deemed to be University) belongs to a network of educational institutions administered by the members of the Society of Jesus, a religious

order which runs schools, colleges and universities in more than 105 countries in the world. The members of the order, popularly known as Jesuits, have acquired a reputation for excellence in the quality of education. Some of the distinguished Jesuit institutions of higher education in India are St Xavier's College in Kolkata, St Xavier's College in Mumbai, Loyola College in Chennai, St Joseph's College in Trichy, Xavier Institute of Labour Relations (XLRI) in Jamshedpur, and Xavier University in Bhuvaneshwar. These and many other highly acclaimed centres of learning are managed by the Jesuits and deeply rooted in Jesuit values of commitment and excellence.

Despite being a minority institution, the University has provided high-quality education to individuals from all societal backgrounds, irrespective of caste, color, or creed.

The university's motto, "Lucet et Ardet," translating to "shine to enkindle," has served as an inspiration for numerous students to become compassionate individuals who bring brightness and happiness into the lives of others.

Promoting social consciousness and nurturing a heightened sense of social responsibility stands as a cornerstone of the University's mission. We take great pride in our alumni who have evolved into champions of impactful social reform.

St. Aloysius (Deemed to be University) Institute of Management & Information Technology (AIMIT) serves as the latest campus for MBA and IT programs. It encompasses a range of IT courses, including MCA, MSc (Software Technology), MSc (Big Data Analytics), MSc (Data Science), and MSc (Bioinformatics).

At AIMIT, our priority is our students. Each of our programs is meticulously crafted with your career advancement in mind. We provide outstanding education, ample opportunities to interact with industry professionals, top-notch facilities, and access to a continuously expanding alumni network. The AIMIT experience is aimed at moulding graduates into well-rounded, self-assured, and proficient professionals, empowering them to make a positive impact both in their workplace and community.



## **ABOUT THE CONFERENCE**

St Aloysius (Deemed to be University) is organizing two days International Conference on Artificial Intelligence in Health care (ICAIH-2025) which deals with the advanced technologies and optimizing solutions in various disciplines of Computer Science, Artificial Intelligence, Machine Learning and various field of Engineering. The objective of the conference is to encourage interdisciplinary Research and promote the usage of Artificial Intelligence in the area of Medicine. This will further help in improving the overall quality of life and hence facilitate the society at large.

ICAIH-2025 aims to provide opportunity for the researchers to share their ideas and experience with other researchers around the globe. ICAIH-2025 seeks potential research submissions that solicit the state of art applications, innovative methods and analyze unexplored challenges to establish relative solutions.

**The selected papers after the presentation will be published in the prestigious SpringerLink CCIS series.**

## **PAPERS AT ICAIH-2025 WOULD BE IN THE FOLLOWING TOPICS**

Topics covered (but are not limited to) in the conference are as follows:

### **Track 1**

- AI in Diagnostics & Predictive Analytics
- Early Disease Detection
- AI in Medical Imaging
- Predictive Patient Outcomes
- Clinical Decision Support
- Chronic Disease Management

### **Track 3**

- Remote Monitoring & Telehealth
- Continuous Patient Monitoring
- AI-Enhanced Telemedicine
- IoT & Home Healthcare
- Predictive Device Maintenance
- Wearables & Remote Care

### **Track 5**

- Brain-Computer Interaction (BCI) in healthcare
- Neuroprosthetics and Assistive Devices
- BCIs for Neurological Rehabilitation and Recovery
- BCI-Based Communication Systems
- BCI-Driven Cognitive Enhancement and Mental Health
- Diagnostic and Monitoring Applications of BCIs

### **Track 2**

- AI in Personalized Medicine & Treatment
- Genomics & Personalized Care
- AI in Drug Discovery
- Adaptive Treatment Models
- Precision Medicine Case Studies
- AI in Robotic Surgery

### **Track 4**

- Ethical & Social Implications of AI
- Data Privacy & Security
- Ethical AI in Healthcare
- Regulatory & Legal Issues
- Building Trust in AI
- Social Impact & Equity

**\*Any papers related to AI & ML can be considered**

**This conference is conducted in hybrid mode.**

## CONFERENCE CHAIR



**Dr Shreekumar**

Professor  
Mangalore Institute of Technology  
& Engineering, Moodabidre



**Dr. Raghavendra Ramachandra**

Professor  
Dept. of Information Security & Communication  
NTNU, Norway

## KEYNOTE SPEAKERS



**Dr. Simone Ludwig**

Professor and Chair /  
Department of Computer Science  
NORTH DAKOTA STATE UNIVERSITY



**Dr. Damodar Reddy Edla**

Associate Professor and Dean  
Department of Computer Science  
and Engineering, NIT, Goa



**Prof. Tad Gonsalves, PhD**

Professor,  
Department of Information and Communication Sciences,  
Faculty of Science and Technology,  
Sophia University

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Director

St Aloysius (DEEMED TO BE UNIVERSITY)  
Institute of Management and IT

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Ahmedabad, Gujarat, India

Dr Sreeja Rajesh, Mangalore Institute of Technology & Engineering, Moodabidre

Dr Ravindra Swamy, Associate Dean, School of Information Science  
& Technology (SIST)

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Dr Venugopal P S, Professor, Dept. of AI & ML, NMAMIT, NITTE

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Ms Shilpa Shetty, HOD (BCA), School of Information Science & Technology

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Ms Vanaja, Dept of BCA, School of Information Science & Technology

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Mr Royal, Assistant Dean, School of Information Science & Technology

Dr Chinmai Shetty, Assistant Professor, NMAMIT, Nitte

Ms Swapnalaxmi. K, Assistant Professor, VCET, Puttur

Ms Gana, Assistant Professor, SIST, AIMIT

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Dr Santhosh B, Associate Professor, SIST, AIMIT

Ms Manimozhi R, Associate Professor, SIST, AIMIT

Mr Aravinda Prabhu, Assistant Professor, SIST, AIMIT

Mr Premalatha, Dept of BCA, School of Information Science & Technology

## INSTRUCTIONS TO THE PRESENTERS

The Conference aims to provide an active platform for Practicing Engineers, Scientists from R & D Institutions, Research Scholars, Faculty members, Industry Professionals and Students across the globe to present their innovative research findings and applications in their domain of interest. Authors are encouraged to submit their original research contributions in the standard conference template, presenting novel theoretical or experimental findings related to the specified topics. The conference will be conducted at AIMIT campus.

All submissions to the conference should be written in English with a minimum 12 pages for full length paper. Submitted papers will undergo triple blind peer review process as per conference norms. Once the paper is accepted, authors can register and present the paper in conference. **The selected papers from the presentation is planned to be published in Springer-Communication in Computer and Information Science (CCIS) series.**

- Papers should strictly follow Springer format
- Paper submission is accepted only through easychair
- All accepted and presented papers will be published in conference proceedings of the college
- Plagiarism of the conference paper should not exceed 15%
- The participation certificate will be issued only during the valedictory ceremony.
- Once author receives acceptance, he has to register within 10 days otherwise paper will not be considered for presentation.
- Paper length should be minimum 12 pages
- Since it is blind review process, author should apply the paper without author name and affiliation

## IMPORTANT DATES

Please Submit Your paper through **EASYCHAIR**

### EVENTS

### DATES

Last date for Paper Submission	:	15th December 2024
Notification of Acceptance	:	15th February 2025
Camera Ready Paper Submission	:	5th March 2025
Release of Presentation Schedule	:	10th March 2025
Conference Dates	:	20th & 21st, March, 2025

## REGISTRATION FEE

### For Indian Author

### For Foreign Author

Participants : INR 8000  
Conference Attendees : INR 1000

Participants : USD 95  
Conference Attendees : USD 15

## **PAYMENT AND REGISTRATION**

Presenters are requested to make the payment by Account transfer

Bank Name : Union Bank of India  
Account Number : 412902010015572  
IFSC Code : UBIN0541290  
Branch : Hampankatta, Mangalore

## **CONVENERS**



**Dr Hemalatha N**

Dean

School of Information Science  
& Technology

St Aloysius (Deemed to be University)  
Institute of Management and IT



**Dr Rakesh Kumar**

Associate Professor

School of Information Science  
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## **CONTACT US**

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